

A B S T R A C T

A kit for implanting in a duct, which includes a tubular
5 endoprosthesis and a prosthetic valve is disclosed. The
prosthetic valve includes a carrier frame that is radially
deformable in elastic manner relative to a central axis of the
tubular endoprosthesis between a deployed, implanted position,
and a folded, implanting position. The carrier frame is urged
10 elastically towards its deployed position. A flexible shutter
is connected to the carrier frame. The shutter is deformable
between an obstruction position in which it is extended
transversely, and a release position in which it is contracted
transversely under to allow a fluid to flow through the
15 carrier frame. The carrier frame also includes an integrated
centripetal compressing mechanism for centripetally
compressing the carrier frame towards folded position.